

AMENDMENTS TO THE CLAIMS

Claims 1-10 (Cancelled)

11. (Currently Amended) A floor surface finishing device comprising:

a plane leveling machine including a plurality of rotary blades operable to rotate in a propeller manner by a driving force while maintaining contact with a floor surface to be finished;

a planar finishing blade located at an outer periphery of an area of rotation of said rotary blades, at least a portion of said finishing blade being formed of a flexible elastic plate, said finishing blade being angled upwards toward a center axis of rotation of said rotary blades and operable to contact the floor surface to be finished after said rotary blades have contacted and passed over the floor surface to be finished, said finishing blade being connected to said plane leveling machine such that said finishing blade is operable to:

move in directions toward and away from the floor surface to be finished; and

swing around said rotary blades; and

a plumb bob for pressing said finishing blade against the floor surface to be finished; and

a connecting member for connecting said finishing blade to said plane leveling machine, said connecting member including an elevating arm pivotally connected to said plane leveling machine so as to allow said finishing blade to move in a vertical direction and to swing around said rotary blades in a horizontal direction such that at least a part of said finishing blade contacts the floor surface to be finished after said rotary blades have contacted and passed over the floor surface to be finished.

12. (Previously Presented) The floor surface finishing device of claim 11, further comprising an angle adjusting mechanism for varying an angle of said finishing blade relative to the floor surface to be finished.

13. (Previously Presented) The floor surface finishing device of claim 11, wherein said finishing blade is detachably connected to said plane leveling machine.

14. (Previously Presented) The floor surface finishing device of claim 11, further comprising a seat for supporting an operator, said seat being provided on a part of said plane leveling machine.

15. (Previously Presented) The floor surface finishing device of claim 11, further comprising a lifting mechanism for moving said finishing blade in the directions toward and away from the floor surface to be finished.

Claim 16 (Cancelled).

17. (New) The floor surface finishing device of claim 11, wherein said connecting member further includes a vertical shaft pivotally attached to said plane leveling machine, and a horizontal shaft attached to and extending from said vertical shaft, said elevating arm being supported by said vertical shaft and said horizontal shaft so as to extend outwardly from said plane leveling machine, said finishing blade being attached to a distal end of said elevating arm.

18. (New) The floor surface finishing device of claim 17, wherein said connecting member further includes a supporting member arranged at an angle between said vertical shaft and said horizontal shaft, a base end of said elevating arm opposite said distal end being adjustably and pivotably attached to said supporting member such that said elevating arm is pivotable in the vertical direction.

19. (New) The floor surface finishing device of claim 18, wherein said connecting member further includes a pulley mounted at said distal end of said elevating arm, further comprising a wire having a first end attached to said horizontal shaft and extending around said pulley and through a wire guide mounted at a distal end of said horizontal shaft, a second end of said wire being connected to an operating handle for pivoting said elevating arm in the vertical direction.

20. (New) The floor surface finishing device of claim 17, wherein said connecting member further includes a pulley mounted at said distal end of said elevating arm, further comprising a wire having a first end attached to said horizontal shaft and extending around said pulley and through a wire guide mounted at a distal end of said horizontal shaft, a second end of said wire being connected to an operating handle for raising and lowering said elevating arm.